

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	"5785748"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:02
S2	4	(("5785748") or ("5114486")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:03
S3	97	water near2 dispersible near2 titanium near2 dioxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:53
S4	5	water near2 dispersible near2 titanium near2 dioxide with (paper near laminates)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:51
S5	14	water near2 dispersible near2 titanium near2 dioxide with (produce or producing or produced or making or made or make)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:55
S6	3	("2744029").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:58
S7	206	423/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:58
S8	833	106/436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:58
S9	1136	423/598.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:59

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S10	139	106/443.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:59
S11	217	106/444.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:59
S12	2422	S7 S8 S9 S10 S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:59
S13	1431	S12 and ((titanium near (oxide or dioxide)) or "TiO2" or "TiO.sub.2" or TiO2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 17:06
S14	80	S13 and (water same aluminum same (phosph\$6 or (aluminum near phosphate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 17:08
S15	27	S13 and (water same aluminum same (phosph\$6 or (aluminum near phosphate))) and (water near dispers\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 17:11
S16	8	(making or producing) with (water near3 dispersible near3 titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:11
S17	33	(("4239548") or ("4599124") or ("4689102") or ("5425986") or ("5679219") or ("6287681") or ("6290815") or ("6413618") or ("6551455") or ("6599592") or ("6708372") or ("6709764") or ("6761979") or ("9783631") or ("2003013860")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 13:30
S18	2	("20070071989").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 13:31

## EAST Search History

S19	35	S17 or S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:31
S20	11	S19 and ((titanium adj dioxide) or "TiO.sub.2" or TiO2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:47
S21	4	S19 and ((titanium adj dioxide) or "TiO.sub.2" or TiO2) and alumin\$4 and phosph\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:11
S22	607	(aluminum near phosphate) with ((titanium adj dioxide) or "TiO.sub.2" or TiO2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:13
S23	607	((aluminum near phosphate) or (aluminum near phosphate)) with ((titanium adj dioxide) or "TiO.sub.2" or TiO2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:13
S24	60	(aluminum near phosphate) with (treat or treatment or treating or surface) with ((titanium adj dioxide) or "TiO.sub.2" or TiO2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:26
S25	1	JP-2942182-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:16
S26	7	(aluminum near phosphate) with (treat or treatment or treating or surface) with ((titanium adj dioxide) or "TiO.sub.2" or TiO2) and (curing or cured)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:27
S27	23	("3513007") or ("3926660") or ("3946134") or ("4383866") or ("4389455") or ("5165995") or ("5248556") or ("5554216").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/11 08:17
S28	14	S27 and titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:17

## EAST Search History

S29	14	S27 and titanium with pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:38
S30	0	S27 and (titanium with pigment same (curing or cured or micronizing or micronized))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:18
S31	2	S29 and (curing or cured or micronizing or micronized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:18
S32	833	106/436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:38
S33	139	106/443.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:38
S34	206	423/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:38
S35	1137	423/598.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:38
S36	754	423/326.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT.	OR	ON	2007/12/11 08:38
S37	2983	S32 S33 S34 S35 S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:39
S38	100	S37 and (micronizing or micronized or cured or curing) and (titanium near dioxide) with pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:39

## EAST Search History

S39	100	S37 and (micronizing or micronized or cured or curing) and ((titanium near dioxide) with pigment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:39
S40	22	S37 and ((micronizing or micronized or cured or curing) with temperature) and ((titanium near dioxide) with pigment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:54
S41	110728	(curing or cured) with (time or minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:56
S42	68714	(curing or cured) with (hour or hours or minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:56
S43	93	((curing or cured) with (hour or hours or minutes or minute)) same (titnium or (inorganic near pigment) or (inorganic near particle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:57
S44	62	((curing or cured) with (hour or hours or minutes or minute)) same (titnium or (inorganic near pigment) or (inorganic near particle)) same (better benefit increas\$4 decreas\$4 enhanc\$4 improv\$6 exhibit prefer preferred impart\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:24
S45	1214	((titanium near dioxide) or titania) with (solution or mixture) with (aging or curing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:25
S46	163	((titanium near dioxide) or titania) with (solution or mixture) with (aging or curing) with (hour or hours or minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:27
S47	219	((titanium near dioxide) or titania) with aging with (hour or hours or minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:27

## EAST Search History

S48	106	((titanium near dioxide) or titania) with (solution or mixture) with aging with (hour or hours or minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:27
S49	20	((titanium near dioxide) or titania) near10 (solution or mixture) near10 aging with (hour or hours or minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:35
S50	9	(((titanium near dioxide) or titania) near10 (solution or mixture) near10 curing with (hour or hours or minutes or minute)) same (improv\$4 enhanc\$4 impart\$4 exhibit prefer\$4 increas\$4 better benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:38
S51	906	(titanium adj dioxide) near20 (curing or aging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:38
S52	24	(titanium adj dioxide) near20 (curing or aging) with (dispering or dispersant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:39
S53	4536	(curing or aging) with (mixture or solution) with ((coating or coated or treated or treatment) near10 surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:40
S54	417	S53 and (titanium adj dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:40
S55	403	S54 not (golf near ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:41
S56	189	S55 and phosph\$6 and alumin\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:42

## EAST Search History

S57	0	S56 and (paper near almainate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:42
S58	0	S56 and (paper near lmainate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:42
S59	0	S56 and (paper near lamainate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:42
S60	1	S56 and (paper near laminate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:42
S61	2	S55 and (paper near laminate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:43
S62	0	(titanium adj dioxide) with (surface near (treatment or coating)) with precipitat\$5 with (curing or aging) with (minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:57
S63	1	(titanium adj dioxide) with (surface near (treatment or coating)) with (curing or aging) with (minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 10:02
S64	26837	(curing or aging) with (minutes or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 10:03
S65	40	S64 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 10:24
S66	8	(titanium adj dioxide) with (micronizing or micronized or micronization) with temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 10:58

## EAST Search History

S67	75	(micronizing or micronized or micronization) with (high near temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 11:01
S68	0	S67 same (titanium near dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 10:59
S69	10	S67 and (titanium near dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 10:59
S70	8	S67 and ((titanium near dioxide) same (coating or treatment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 11:00
S71	311	(micronizing or micronized or micronization) adj10 temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 11:01
S72	46	S71 and (titanium adj dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 11:04
S73	4	S71 same ((titanium adj dioxide) or titania or "TiO <sub>2</sub> " or TiO <sub>2</sub> )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:31
S74	3494	thiele.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:34
S75	806	bolt.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:34
S76	350	mehr.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:34

## EAST Search History

S77	4642	S74 S75 S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:34
S78	96	S77 and (titanium nead dioxide). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:34
S79	10	S77 and (titanium near dioxide).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:34
S80	10	S77 and ((titanium near dioxide). clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 13:35